Rec'd PCT/PTQ 12 JUN 2005 10/538733 PCT/US2003/039645

WO 2004/052080

SEQUENCE LISTING

<110>	Regulome Corporation Stamatoyannapoulos, John McArthur, Michael Hawrylycz, Michael	
<120>	Regulome arrays	
<130>	11207-033-228	
<140> <141>		
	10/319,440 2002-12-12	
	10/375,40 4 2003-02-27	
<160>	28 .	
<170>	PatentIn version 3.2	
<210>	1	
<211>	24	
<212>		
<213>	Artificial	
<220> <223>	Description of Artificial sequence: Primer	
<220>	;	
	modified_base	
<222>	(1)(1)	
<223>	5' Biotin labelled	
.400.	1	
<400>	cggcc gctatgtgtg cagt	24
ccacg	cggcc gccacgcgcg cage	
<210>		
<211>		
	DNA	
<213>	Artificial	
<220>		
<223>	Description of Artificial sequence: Primer	
	•	
<400>		24
ctgca	deacat ageggeegea taag	24
<210>		
<211>		
	DNA	
<213>	Artificial	
<220>		
<24U>	Description of Artificial sequence: Primer	
~4437		

```
<220>
<221> modified_base
<222> (1)..(1)
<223> 5' Biotin labelled
<400> 3
                                                                      32
ctctggcgcg ccgtcctctc acgcgtccga ct
<210> 4
<211> 31
<212> DNA
<213> Artificial
<220>
<223> Description of Artificial sequence: Primer
<220>
<221> modified_base
<222> (1)..(1)
<223> 5' Phosphate labelled
<400> 4
                                                                       31
gtcggacgcg tgagaggacg gcgcgccaga g
<210> 5
<211> 32
<212> DNA
<213> Artificial
 <223> Description of Artificial sequence: Primer
 <220>
 <221> modified_base
 <222> (1)..(1)
 <223> 5' Cy5/3 labelled
 <400> 5
                                                                       32
 ctctggcgcg ccgtcctctc acgcgtccga ct
 <210> 6
 <211> 35
 <212> DNA
 <213> Artificial
 <220>
 <223> Description of Artificial sequence: Primer
 <220>
 <221> modified_base
 <222> (1)..(1)
 <223> 5' Biotin labelled
```

```
<400> 6
                                                                       35
ctctggcgcg ccgtcctctc acgcgtccga ctgca
<210> 7
<211> 32
<212> DNA
<213> Artificial
<220>
<223> Description of Artificial sequence: Primer
<220>
<221> modified_base
<222> (1)..(1) 
<223> 5' Phosphate labelled
<400> 7
                                                                        32
gtcggacgcg tgagaggacg gcgcgccaga gc
<210> 8
<211> 35
<212> DNA
<213> Artificial
<223> Description of Artificial sequence: Primer
<400> 8
                                                                        35
ctctggcgcg ccgtcctctc acgcgtccga ctgca
 <210> 9
 <211> 25
 <212> DNA
 <213> Artificial
 <223> Description of Artificial sequence: Primer
 <400> 9
                                                                         25
 cacgatcggc tcgagtccga ccatg
 <210> 10
 <211> 21
 <212> DNA
 <213> Artificial
 <220>
 <223> Description of Artificial sequence: Primer
 <220>
 <221> modified_base
 <222> (1)..(1) 
<223> 5" Phosphate labelled
```

	10 etcg agccgatcgt g	21
<210> <211>	25	
<212> <213>	DNA Artificial	
<220> <223>	Description of Artificial sequence: Primer	
<220>	modified base	
<222>	(1)(1) 5' Biotin labelled	
	11 egge tegagteega eeatg	25
<210> <211>	12	
<212>		
<220> <223>	Description of Artificial sequence: Primer	
<220>		
<222>	<pre>modified_base (1)(1) 5' Phosphate labelled</pre>	
<400> gtcgga	12 acgcg tgagaggacg gegegecaga g	31
<210>	13	
<211><212>		
<220>		
	Description of Artificial sequence: Primer	
<400> cacgat	13 tegge tegagtgaga ceatg	25
<210>	14	
<211> <212>		
	Artificial	
<220> <223>	Description of Artificial sequence: Primer	

```
<220>
<221> modified_base
<222> (1)..(1)
<223> 5' Phosphate labelled
<400> 14
                                                                      21
gtctcactcg agccgatcgt g
<210> 15
<211> 23
<212> DNA
<213> Artificial
<220>
<223> Description of Artificial sequence: Primer
<220>
<221> modified_base
<222> (1)..(1)
<223> 5' Biotin TEG labelled
<220>
<221> misc_feature
<222> (15)..(15)
<223> n is a, c, g, or t
<400> 15
                                                                      23
tctgcacgat caagnacgtg cag
<210> 16
<211> 23
<212> DNA
<213> Artificial
<220>
<223> Description of Artificial sequence: Primer
<400> 16
                                                                       23
ctgcacgtgc ttgatcgtgc aga
 <210> 17
 <211> 18
 <212> DNA
 <213> Artificial
 <220>
 <223> Description of Artificial sequence: Primer
 <220>
 <221> modified_base
 <222> (1)..(1)
 <223> 5' Phosphate labelled
```

```
<400> 17
                                                                      18
tatgcggccg cttagtac
<210> 18
<211> 12
<212> DNA
<213> Artificial
<220>
<223> Description of Artificial sequence: Primer Modbase-n= a,t,c, or g
<220>
<221> misc_feature
<222> (1)..(4)
<223> n is a, c, g, or t
<400> 18
                                                                      12
nnnnatatgc gc
<210> 19
<211> 18
<212> DNA
<213> Artificial
<223> Description of Artificial sequence: Primer
<400> 19
                                                                      18
gtactaagcg gccgcata
<210> 20
<211> 11
<212> DNA
<213> Artificial
 <220>
 <223> Description of Artificial sequence: Primer Modbase-n= a,t,c, or g
 <220>
 <221> misc_feature
 <222> (8)..(11)
 <223> n is a, c, g, or t
 <400> 20
                                                                       11
 ccgcatannn n
 <210> 21
 <211> 13
 <212> DNA
 <213> Artificial
 <220>
 <223> Description of Artificial sequence: Primer Modbase-n= a,t,c, or g
```

```
<220>
<221> misc_feature
<222> (1)..(4)
<223> n is a, c, g, or t
<400> 21
                                                                      13
nnnngtacta agg
<210> 22
<211> 25
<212> DNA
<213> Artificial
<220>
<223> Description of Artificial sequence: Primer
                                                                      25
atccgatccg catgcgtgca gcatg
<210> 23
<211> 21
<212> DNA
<213> Artificial
<220>
<223> Description of Artificial sequence: Primer
<220>
<221> modified_base
<222> (1)..(1)
<223> 5' Phosphate labelled
<400> 23
                                                                      21
ctgcacgcat gcggatcgga t
<210> 24
<211> 25
<212> DNA
 <213> Artificial
 <220>
 <223> Description of Artificial sequence: Primer Modbase-n= a,t,c, or g
 <220>
 <221> misc_feature
 <222> (24)..(25)
 <223> n is a, c, g, or t
 <400> 24
                                                                       25
 ggcagccatg acgatcggca tgcnn
 <210> 25
 <211> 23
 <212> DNA
```

<213>	Artificial	
<220>	•	
<223>	Description of Artificial sequence: Primer	
<220>		
	modified_base	
	(1)(1)	
<223>	5' Phosphate labelled	
<400>	25	
gcatgc	egat egteetgget gee	23
.010-		
<210> <211>	26	
<212>		
	Artificial	
<220>	Described on a Subdificial company, Drimor	
<223>	Description of Artificial sequence: Primer	
<400>	26	
gctgcg	aaaa catcaagctg tgtttctcct tccccaaagc cacttcgc	48
<210>	27	
<211>		
<212>		
<213>	Artificial	
<220>		
<223>	Description of Artificial sequence: Primer	
1224	•	
<400>	27	
aagctg	stgtt teteet	16
<210>	28	
<211>		
<212>		
<213>	Artificial	
<220>		
	Description of Artificial sequence: Primer	
<400>		16
aggaga	aaaca cagctt	70